

Appl. No. 09/674,479  
Atty. Docket No. CM1758M  
Amdt. dated 04/19/2004  
Reply to Office Action of 11/19/2003  
Customer No. 27752

### AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently amended) A modified enzyme which comprises a catalytically active amino acid sequence deriving from a cellulolytic enzyme EGI exhibiting the following properties :
  - (a) derived from *Humicola insolens* or *Trichoderma reesei*,
  - (b) approximate molecular weight of about 50 kDa,
  - (c) iso-electric point of 5.5, and
  - (d) containing 415 amino acid;linked to an amino acid sequence comprising a cellulose binding domain;  
wherein said modified enzyme comprises a linking region between said catalytically active amino acid sequence of a cellulolytic enzyme EGI and said amino acid sequence comprising a cellulose binding domain;  
further wherein said linking region is an amino acid linking region or non-amino acid linking region; and  
further wherein said linking region is selected from the group consisting of: *Humicola insolens* family 45 cellulase linker, Nifa gene of *Klebsiella pneumoniae*-CiP linker, E3 cellulase *Thermomonospora fusca* linker, CenA cellulose linker, nucleophilic polyethylene glycol derivative linker, carboxyl polyethylene glycol derivative linker, electrophilically activated polyethylene glycol derivative linker, sulfhydryl-selective polyethylene glycol derivative linker, ~~heterofunctional~~ heterofunctional polyethylene glycol derivative linker, biotin polyethylene glycol derivative linker, vinyl polyethylene glycol derivative linker, polyethylene glycol silane derivative linker, polyethylene glycol phospholipids derivative linker and mixtures thereof.
2. (Original) A modified enzyme according to claim 1 wherein the amino acid sequence comprising a cellulose binding domain is selected from the group consisting of CBD CenC, CenA, Cex from *Cellulomonas fimi*, CBD CBHI from *Trichoderma reesei*, CBD Cellulozome from *Clostridium cellulovorans*, CBD E3 from *Thermomonospora fusca*, CBD-dimer from *Clostridium stecorarium* XynA, CBD from *Bacillus agaradherens*, CBD family 45 from *Humicola insolens* and/or mixtures thereof.
3. (Canceled)

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4-21. (Canceled)

22. (Previously presented) A laundry detergent and/or fabric care composition comprising a laundry detergent and/or fabric care ingredient and a modified enzyme according to claim 1.
23. (Previously presented) A laundry detergent and/or fabric care composition according to claim 22 wherein said modified enzyme is present at a level of from 0.0001% to 2% pure modified enzyme by weight of total composition.
24. (Previously presented) A laundry detergent and/or fabric care composition according to claim 23 wherein said modified enzyme is present at a level of from 0.0001% to 0.5% pure modified enzyme by weight of total composition.
25. (Previously presented) A laundry detergent and/or fabric care composition according to claim 24 wherein said modified enzyme is present at a level of from 0.0005% to 0.1% pure modified enzyme by weight of total composition.
26. (Previously presented) A laundry detergent and/or fabric care composition according to claim 22 further comprising a builder component.
27. (Currently amended) A laundry detergent and/or fabric care composition according to claim 26 wherein said builder is selected from the group consisting of a zeolite A, sodium tripolyphosphate tripolyphosphate and/ or mixtures thereof.
28. (Currently amended) A laundry detergent and/or fabric care composition according to ~~claim~~ claim 22 further comprising a smectite clay.
29. (Previously presented) A laundry detergent and/or fabric care composition according to claim 22 comprising a cationic surfactant.
30. (Previously presented) A laundry detergent and/or fabric care composition according to claim 29 wherein said cationic surfactant comprises two long alkyl chain lengths.
31. (Previously presented) A laundry detergent and/or fabric care composition according to claim 22 further comprising a proteolytic enzyme.

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32. (Previously presented) A laundry detergent and/or fabric care composition according to claim 22 further comprising a bleaching agent.
33. (Previously presented) A laundry detergent and/or fabric care composition according to claim 22 which is in the form of an additive, a pre-treatment, a post-treatment, a soaking treatment and/or a rinsing treatment composition.
34. (Previously presented) A method comprising the step of contacting a fabric with a laundry detergent and/or fabric care composition according to claim 22 for fabric cleaning and/or fabric stain removal and/or fabric whiteness maintenance.
35. (Previously presented) A method comprising the step of contacting a fabric with a laundry detergent and/or fabric care composition according to claim 22 for fabric care, including anti-bobbling, depilling, fabric softness, colour appearance and fabric anti-wear properties and benefits.